| Index of Claims | Application/Control No. | Applicant(s)/Patent under Reexamination |  |  |  |  |  |  |
|-----------------|-------------------------|---|--|--|--|--|--|--|
|                 | 10/670,365              | PARK ET AL.                             |  |  |  |  |  |  |
|                 | Examiner                | Art Unit                                |  |  |  |  |  |  |
|                 | Lixi Chow               | 2627                                    |  |  |  |  |  |  |

| ✓ | Rejected | _ | (Through numeral)<br>Cancelled |   | ı | Non-Elected  | A | Appeal   |
|---|----------|---|--------------------------------|---|---|--------------|---|----------|
| = | Allowed  | ÷ | Restricted                     | ı |   | Interference | 0 | Objected |

| Cla             | aim          | Date            |          |          |          |          | Cla          | Claim Date |                 |          |     |          |              |                 |                    | Cli      | aim       | Date      |          |          |   |           |   |          |            |          |          |          |                 |                 |                     |          |           |          |
|-----------------|--------------|-----------------|----------|----------|----------|----------|--------------|------------|-----------------|----------|-----|----------|--------------|-----------------|--------------------|----------|-----------|-----------|----------|----------|---|-----------|---|----------|------------|----------|----------|----------|-----------------|-----------------|---------------------|----------|-----------|----------|
|                 | <del>-</del> |                 |          |          |          |          |              |            |                 |          |     |          | <del>-</del> | _               |                    |          |           |           |          |          | .   | ٦         |   |          | 31         |          |          |          |                 |                 |                     | П        | П         | П        |
| Final           | Original     |                 |          |          |          |          | ]            |            |                 | 1        |     | Final    | Original     | 2/19/08         |                    |          |           |           |          |          |   |           |   | Final    | Original   |          |          |          |                 |                 |                     |          | ı         |          |
| i.              | ٦            |                 |          |          |          | l        | l            |            |                 | 1        |     | 证        | į            | 2               |                    |          |           |           |          |          | - 1   |           |   | ίΞ       | )<br>Ž     |          | - 1      |          |                 |                 |                     |          |           |          |
|                 |              |                 |          |          | <u> </u> | L        | ᆫ            | <u> </u>   | Ц               | _        |     | L        |              |                 | Ш                  | $\Box$   |           | Ц         | _        | _        |   |           |   |          |            |          |          |          |                 | Ш               | Ш                   |          | $\sqcup$  |          |
|                 | 1            |                 |          |          | _        | L_       | ┖            | ╙          |                 |          |     |          | 51           | ٧               |                    |          |           | Ц         | _        |          | _   | _         |   |          | 101        |          | _        |          |                 | Ш               | Ш                   | $\sqcup$ | _]        | _        |
|                 | 2            |                 |          |          | $\vdash$ | L        | ⊢            | <b> </b>   | $\square$       | _        |     | ļ        | 52           |                 | Ш                  | $\dashv$ | _         |           | _        | 4        | 4   | _         |   |          | 102        |          | _        |          | Ц.              | Ш               | Ш                   | _        | $\dashv$  | _        |
|                 | 3            |                 |          |          |          | ⊢        | <u> </u>     | <u> </u>   |                 | _        |     | <b>-</b> | 53           | ١,              | $\square$          | $\dashv$ |           |           |          |          | 4   | _         |   |          | 103        | _        | _        |          |                 |                 | Ш                   | _        | $\dashv$  | _        |
| ļ               | 5            | _               |          |          |          |          | ⊢            | ├          |                 | $\dashv$ |     | <u> </u> | 54           | 1               | $\vdash$           |          |           | $\dashv$  |          | -        | +   | 4         |   |          | 104        | _        | 4        |          | <u> </u>        |                 | Ш                   | $\dashv$ | $\dashv$  | _        |
|                 | 6            | H               |          |          |          | -        | <del> </del> | ⊢          | Н               | $\dashv$ |     | <u> </u> | 55<br>56     | \ \ \           | $\left  - \right $ | $\dashv$ |           |           |          | +        | +   | 4         |   |          | 105        |          | $\dashv$ |          |                 | Н               | $\vdash \vdash$     | $\dashv$ | -         | _        |
|                 | 7            |                 |          |          |          |          | ┢            | ┢          | Н               | $\dashv$ |     | <u> </u> | 57           | 1               | $\vdash$           | $\dashv$ |           | $\dashv$  | $\dashv$ | $\dashv$ | -+  | ⊣         |   |          | 106<br>107 |          | ┥        |          | H               | $\vdash$        | $\vdash$            |          | -         | 4        |
|                 | 8            | ┢               | -        | _        | H        | ┢        | $\vdash$     | ┢          | Н               | ᅱ        |     |          | 58           | ľ               | $\vdash$           | $\dashv$ |           | $\dashv$  | -+       | $\dashv$ | +   | ┥         |   | <u> </u> | 108        |          | ┥        |          | H               | H               | $\vdash$            |          | $\dashv$  | $\dashv$ |
| <del> </del>    | 9            | -               |          |          | $\vdash$ | _        | $\vdash$     | $\vdash$   | $\vdash$        | _        |     | -        | 59           |                 | $\vdash$           | $\dashv$ | =         | $\dashv$  | -        | -        | +   | ┥         |   |          | 109        |          | ᅱ        | _        | $\vdash$        | $\vdash$        | $\vdash$            |          | $\dashv$  | $\dashv$ |
| <b></b>         | 10           |                 |          | _        | $\vdash$ |          |              |            | Н               |          |     |          | 60           | $\vdash$        |                    | $\neg$   |           |           | $\dashv$ | -        | +   | ┪         |   | <u> </u> | 110        | $\neg$   | ᅱ        |          | $\vdash$        | -               | $\vdash$            | $\dashv$ | $\dashv$  | $\dashv$ |
|                 | 11           |                 |          |          |          |          | $\vdash$     | 一          | $\vdash$        |          |     |          | 61           | H               | $\vdash$           | 一        |           | $\dashv$  | $\dashv$ |          | +   | ┪         |   |          | 111        |          | -        |          | <b>-</b>        |                 | $\vdash$            | $\dashv$ | $\dashv$  | $\dashv$ |
|                 | 12           |                 |          |          |          |          |              |            | П               |          |     |          | 62           | П               | $\vdash$           | $\neg$   | $\neg$    | $\exists$ | _        | $\dashv$ | +   | ┪         |   |          | 112        | $\dashv$ | $\dashv$ |          | $\Box$          | $\Box$          |                     | $\dashv$ | $\dashv$  | $\dashv$ |
|                 | 13           |                 |          |          |          |          | Π            | Г          |                 |          |     |          | 63           | 1               | $\Box$             | $\neg$   | $\exists$ | $\Box$    | $\dashv$ | $\dashv$ | $\top$  | $\dashv$  |   |          | 113        | _        | 一        |          | Г               | Н               |                     | $\dashv$ | 十         | $\dashv$ |
|                 | 14           |                 |          |          | Ĺ        |          |              |            |                 |          |     |          | 64           | 1               |                    |          |           |           |          | T        | $\top$  | $\exists$ |   |          | 114        |          | 一        |          | П               | М               | $\sqcap$            | $\dashv$ | $\dashv$  | $\dashv$ |
|                 | 15           |                 |          |          |          |          |              |            |                 |          |     |          | 65           |                 |                    | 丁        |           |           |          |          | $\Box$  |           |   |          | 115        |          |          |          | $\Box$          | П               | $\Box$              |          | $\exists$ | $\neg$   |
|                 | 16           |                 |          |          |          |          |              |            |                 |          |     |          | 66           |                 |                    |          |           |           |          |          | T   |           |   |          | 116        |          |          |          |                 |                 |                     |          | 寸         | $\neg$   |
|                 | 17           |                 |          |          |          |          |              | 匚          |                 |          |     |          | 67           |                 |                    |          |           |           |          |          | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Box}}}$ |           |   |          | 117        |          |          |          |                 |                 |                     |          |           |          |
|                 | 18           |                 |          |          |          |          | _            | _          | Ш               | _        |     |          | 68           |                 |                    |          |           |           |          |          |   |           |   |          | 118        |          |          |          |                 |                 |                     |          |           |          |
|                 | 19           |                 |          |          | _        |          | L.           |            | Щ               |          |     |          | 69           |                 |                    |          | _         |           |          | $\perp$  | $\perp$   |           |   |          | 119        |          |          |          |                 |                 |                     |          | $\Box$    |          |
|                 | 20           |                 | _        |          |          | <u> </u> | _            |            | Ш               | _        |     |          | 70           |                 | $\Box$             |          |           |           | _        | _        |   | ╛         |   |          | 120        | _        | _        |          |                 |                 |                     |          |           |          |
|                 | 21           | $\blacksquare$  |          |          | $\Box$   |          | _            |            | Щ               |          |     |          | 71           |                 |                    |          | _         |           | 4        | $\dashv$ | 4   | 4         |   |          | 121        |          | _        |          |                 | Ш               | Ш                   |          |           |          |
|                 | 22           | Ш               | $\dashv$ |          | _        | Щ        | <u> </u>     | ļ          | _               | 괵        |     |          | 72           |                 |                    | _        | _         |           | 4        | _        | $\perp$   | 4         |   |          | 122        | _        | _        | _        |                 | Ш               | Щ                   |          |           |          |
| ļ               | 23<br>24     | Н               | _        |          |          |          | -            | <u> </u>   |                 |          |     |          | 73           | Ш               | $\vdash$           | -        |           | -         | -        | $\dashv$ | +   | 4         |   |          | 123        | _        | _        | _        | Ш               | $\sqcup$        | <b>  </b>           | $\dashv$ | 4         | _        |
| -               | 25           | -               | _        |          | _        |          | -            | _          |                 |          |     |          | 74           |                 | -                  |          |           | -         |          | ∸∔       | -   | 4         | ı |          | 124        | _        | $\dashv$ | _        | Ш               | $\sqcup$        | $\vdash \vdash$     | _        | $\dashv$  | _        |
| <u> </u>        | 26           | $\vdash$        | -        |          |          |          | ⊢            | -          |                 | $\dashv$ |     |          | 75<br>76     |                 | $\vdash$           | -        |           | $\dashv$  | +        | $\dashv$ | -+  | ┥         |   |          | 125<br>126 | -        | $\dashv$ | -        | $\vdash$        | $\vdash$        | <del> </del>        | -        | $\dashv$  |          |
| <b>-</b>        | 27           | $\vdash$        | -        |          |          |          | $\vdash$     |            | $\dashv$        | $\dashv$ |     |          | 77           |                 | -                  |          | $\dashv$  | $\dashv$  | $\dashv$ | -        | +   | ┥         | 1 |          | 127        | -        | $\dashv$ |          | $\vdash$        |                 | $\vdash$            | $\dashv$ | $\dashv$  | -        |
|                 | 28           |                 |          | _        |          | $\vdash$ | -            | $\vdash$   | -               | $\dashv$ |     |          | 78           | -               |                    | _        | $\dashv$  | -         | -        | $\dashv$ | +   | ┥         |   |          | 128        |          |          | $\dashv$ | $\vdash$        | $\vdash$        | $\dashv$            | $\dashv$ | $\dashv$  | $\dashv$ |
| <b></b> -       | 29           |                 |          | _        | _        | -        | $\vdash$     |            | $\dashv$        |          |     |          | 79           |                 |                    | -        | -         | $\dashv$  | $\dashv$ | $\dashv$ | +   | ┥         |   |          | 129        |          | $\dashv$ | -        | Н               | H               | $\vdash$            | $\dashv$ | $\dashv$  |          |
|                 | 30           |                 |          |          |          |          | -            | 1          | $\dashv$        | $\dashv$ |     |          | 80           |                 | $\dashv$           |          | $\dashv$  | -         | $\dashv$ | $\dashv$ | +   | ┪         |   |          | 130        |          | $\dashv$ |          | $\vdash$        | $\vdash$        | $\vdash$            | $\dashv$ | $\dashv$  | $\dashv$ |
|                 | 31           |                 |          |          | _        |          | _            |            |                 |          |     |          | 81           |                 | $\dashv$           |          | 一         | _         | +        | $\dashv$ | $\top$  | ┪         |   |          | 131        | $\dashv$ | _        |          | Н               | Н               | $\vdash$            | $\dashv$ | $\dashv$  | $\dashv$ |
|                 | 32           |                 |          |          |          |          |              |            | $\neg$          | $\neg$   |     |          | 82           |                 | $\Box$             |          | 一         |           | 7        | 寸        | ┪   | ┪         |   |          | 132        |          |          |          | Н               | П               | $\Box$              | $\dashv$ | $\dashv$  | 寸        |
|                 | 33           | П               |          |          |          |          |              |            |                 |          |     |          | 83           |                 | T                  | $\neg$   | ヿ         | $\neg$    | ヿ        | ヿ        | +   | ヿ         |   |          | 133        |          |          |          | П               | П               | $\Box$              | 一        | $\dashv$  | $\dashv$ |
|                 | 34           |                 |          |          |          |          |              |            |                 |          |     |          | 84           |                 |                    | ·        |           |           | _†       | 丁        |   | ╗         |   |          | 134        | $\neg$   | $\neg$   |          | П               | П               | 一                   | ヿ        | $\dashv$  | ヿ        |
|                 | 35           | . ]             |          |          |          |          |              |            |                 |          |     |          | 85           |                 |                    |          |           |           |          |          | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{I}}}$    |           |   |          | 135        |          |          |          |                 |                 | 口                   |          |           | $\Box$   |
|                 | 36           |                 |          |          |          |          |              |            |                 |          | į   |          | 86           |                 |                    |          |           |           |          |          | $\Box$  |           |   |          | 136        |          |          |          |                 |                 |                     |          | J         |          |
|                 | 37           | Ш               |          |          |          |          | _            |            | Ц               |          | į   |          | 87           |                 | $\Box$             | $\Box$   | $\Box$    |           | $\Box$   |          |   |           |   |          | 137        |          |          |          |                 |                 |                     |          | $\Box$    |          |
|                 | 38           | Ш               |          | _        |          | $\Box$   | <u> </u>     | <u> </u>   | Ш               |          |     |          | 88           | Ш               | Ц                  | $\Box$   |           |           | $\bot$   | _[       | $\perp$   | _]        |   |          | 138        |          |          |          |                 |                 | $\Box$              |          | $\Box$    |          |
|                 | 39           | Ш               | _        |          |          | Ш        | <u> </u>     |            | Ш               | _        |     |          | 89           | Ш               | $\Box$             | 4        | _         |           |          | _        | _   | 4         |   |          | 139        |          |          |          | Ш               | Ш               | Ш                   | [        | $\perp$   |          |
|                 | 40           | $\square$       |          |          |          | Ь        | <u> </u>     |            | $\sqcup$        | _        |     |          | 90           | Щ               | $\sqcup$           |          | _         | _         | _        | $\dashv$ | $\bot$  | 4         | ļ |          | 140        |          | _        | _        | $\sqcup$        | Ш               | Щ                   | [        | [         | $\Box$   |
|                 | 41           | $\vdash \vdash$ |          | _        |          | Ш        | -            | $\vdash$   | $\vdash \vdash$ | _        |     |          | 91           |                 | $\vdash$           |          | _         | $\dashv$  | -        |          | 4   | 4         |   |          | 141        | _        | _        |          | Ш               | Ш               | $\sqcup \downarrow$ | _        | $\dashv$  | $\dashv$ |
|                 | 42<br>43     | $\vdash \vdash$ | $\dashv$ | _        |          | Н        |              | -          | $\vdash \vdash$ | _        |     |          | 92           | Н               | $\vdash$           |          |           | $\dashv$  | -+       | $\dashv$ | +   | 4         |   |          | 142        | _        |          | _        | Щ               | Ш               | $\dashv$            | 4        | 4         | _        |
|                 | 44           | $\vdash \vdash$ |          | -        |          | Н        | $\vdash$     | $\vdash$   | $\vdash \vdash$ |          |     |          | 93           | $\vdash$        | $\dashv$           |          | -         | $\dashv$  | $\dashv$ | +        |   | $\dashv$  |   |          | 143        |          | 4        | _        | $\vdash \vdash$ | $\vdash \vdash$ | $\vdash \vdash$     | -+       | $\dashv$  | $\dashv$ |
|                 | 45           | $\vdash$        |          | _        |          | $\vdash$ | -            |            | $\vdash \vdash$ | $\dashv$ | ı   |          | 94<br>95     | $\vdash$        | -                  |          | -         |           | +        | +        | +   | $\dashv$  |   |          | 144        | $\dashv$ |          | $\dashv$ | $\vdash \vdash$ | $\vdash\vdash$  | $\vdash \downarrow$ | $\dashv$ | $\dashv$  | $\dashv$ |
| _               | 45           | $\vdash$        | -        | $\dashv$ |          | $\vdash$ | $\vdash$     | $\vdash$   | $\vdash$        | $\dashv$ | - 1 |          | 96           | $\vdash$        | $\vdash$           | $\dashv$ | $\dashv$  | $\dashv$  | $\dashv$ | +        | +   | $\dashv$  |   |          | 145<br>146 | $\dashv$ | $\dashv$ | $\dashv$ | Н               |                 | $\vdash$            | $\dashv$ | $\dashv$  | $\dashv$ |
|                 | 47           | -               |          | -        |          | H        | $\vdash$     | $\vdash$   | $\vdash$        | $\dashv$ | 1   |          | 97           | $\vdash$        |                    |          |           | $\dashv$  | $\dashv$ | $\dashv$ | +   | $\dashv$  |   |          | 147        | $\dashv$ | -        |          | -               | $\vdash\vdash$  | $\vdash$            | $\dashv$ | $\dashv$  | $\dashv$ |
|                 | 48           | -               | $\dashv$ | $\dashv$ |          | $\vdash$ | $\vdash$     | $\vdash$   | $\vdash$        | $\dashv$ | - 1 |          | 98           | $\vdash$        | $\vdash$           |          | $\dashv$  | $\dashv$  | $\dashv$ | +        | +   | $\dashv$  |   | $\vdash$ | 148        | $\dashv$ | $\dashv$ | $\dashv$ | $\vdash$        | $\vdash \vdash$ | $\dashv$            | $\dashv$ | $\dashv$  | $\dashv$ |
| $\vdash \vdash$ | 49           | $\vdash$        | $\dashv$ | -        |          | $\vdash$ | Ι            |            | $\dashv$        | $\dashv$ |     |          | 99           | $\vdash \vdash$ | $\dashv$           | $\dashv$ | $\dashv$  | $\dashv$  | +        | -+       | +   | $\dashv$  |   |          | 149        | $\dashv$ | $\dashv$ | $\dashv$ | $\vdash$        | $\vdash \vdash$ | $\vdash$            | $\dashv$ | -+        | $\dashv$ |
| $\vdash$        | 50           | $\vdash$        | $\dashv$ | $\neg$   |          | $\vdash$ | $\vdash$     | $\vdash$   | -               | $\dashv$ |     |          | 100          | $\vdash$        | - 1                | $\dashv$ | ᅥ         | $\dashv$  | $\dashv$ | +        | +   | $\dashv$  | 1 | -        | 150        | $\dashv$ | $\dashv$ | $\dashv$ | $\vdash$        | $\vdash \vdash$ | $\dashv$            | $\dashv$ | $\dashv$  | $\dashv$ |
|                 |              | لب              | 1        |          |          | لـــا    | _            |            | щ               |          | ı   |          |              | ш               |                    | _        |           |           | _        |          |   |           | Į |          | 100        |          |          |          | ليا             | <b>└</b>        |                     |          |           |          |